

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009244.D
 Acq On : 30 Apr 2019 14:30
 Operator : JC/SP
 Sample : K2594-13 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0514-190423

Quant Time: May 01 10:22:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

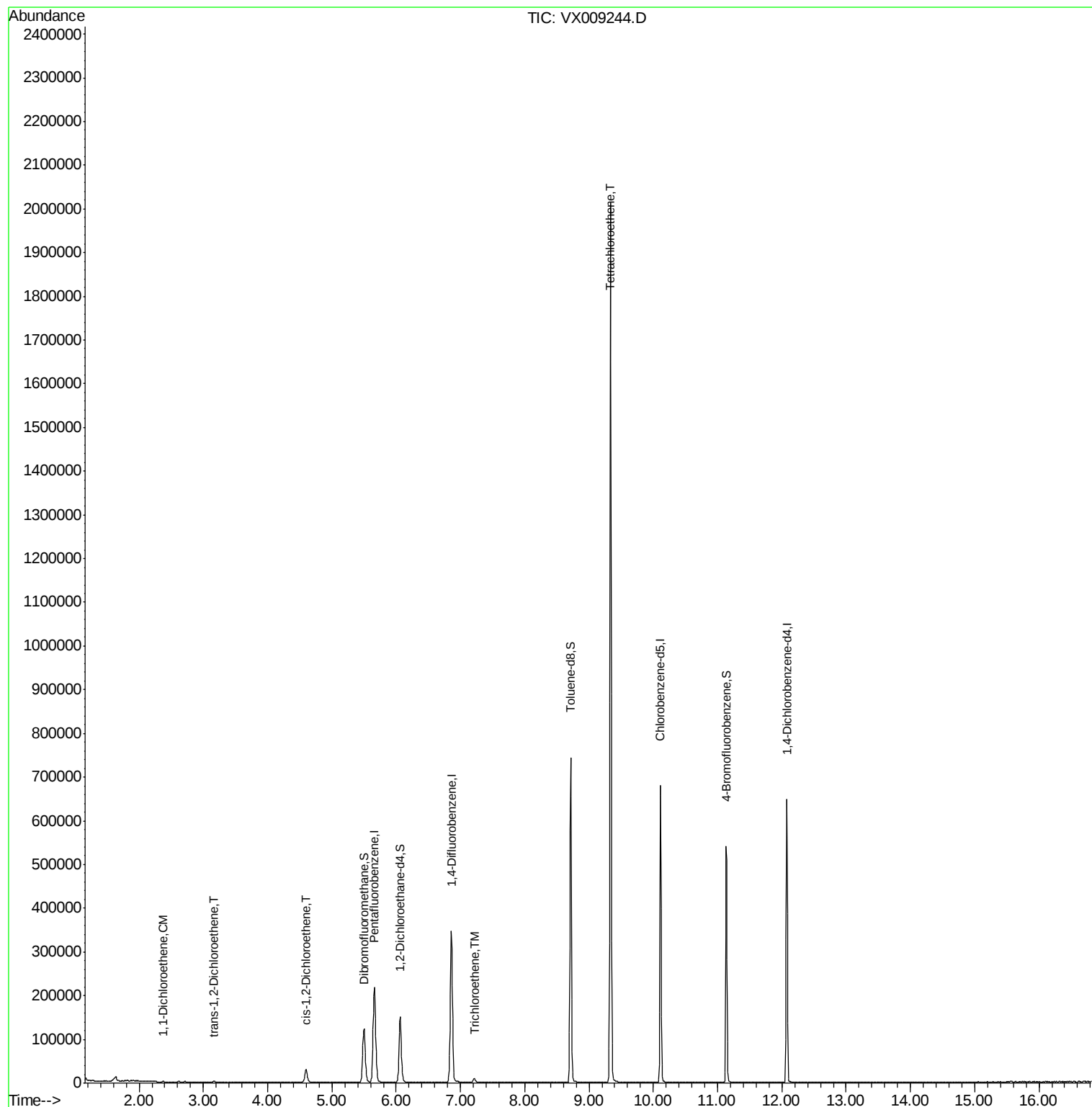
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341160	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	139601	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
35) Dibromofluoromethane	5.50	113	101763	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	431284	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.13	95	144753	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	841	0.422	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	931	0.431	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	18366	7.118	ug/l	90
44) Trichloroethene	7.21	130	3103	1.308	ug/l	91
64) Tetrachloroethene	9.33	164	390659	187.310	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009244.D

Acq: 30 Apr 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

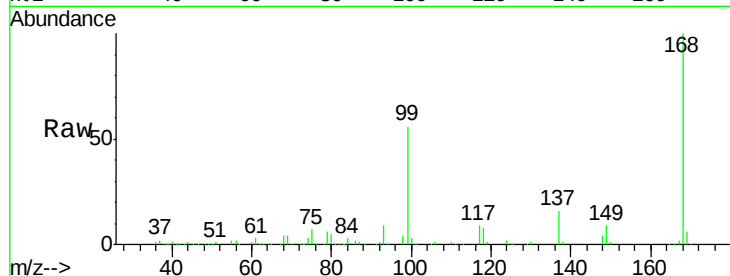
DUP-0514-190423

Tot Ion:168 Resp: 212440

Ion Ratio Lower Upper

168 100

99 56.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

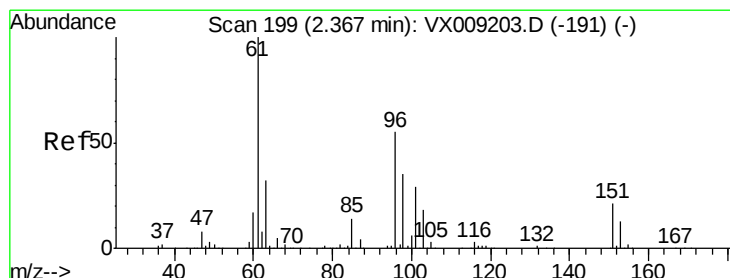
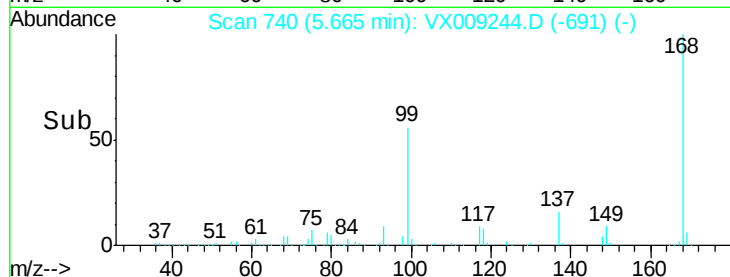
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.422 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009244.D

Acq: 30 Apr 2019 14:30

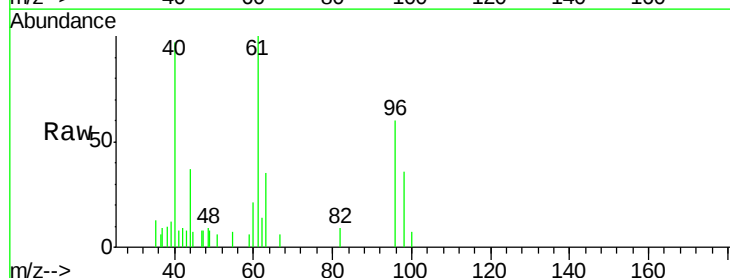
Tgt Ion: 96 Resp: 841

Ion Ratio Lower Upper

96 100

61 166.3 144.3 216.5

98 59.7 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1200

1000

800

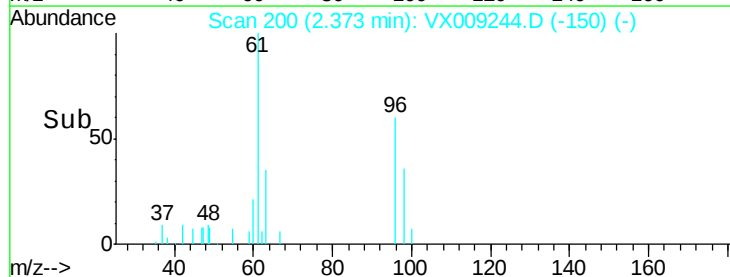
600

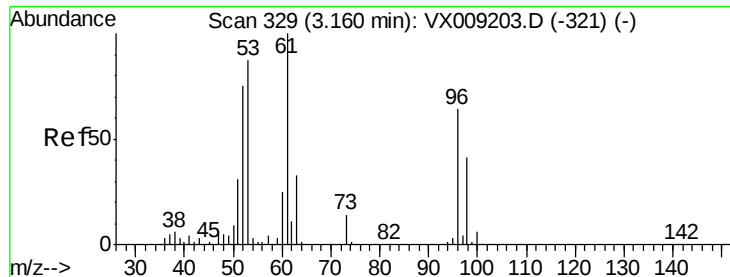
400

200

0

Time--> 2.30 2.35 2.40





#21

trans-1,2-Dichloroethene

Concen: 0.431 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009244.D

Acq: 30 Apr 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

DUP-0514-190423

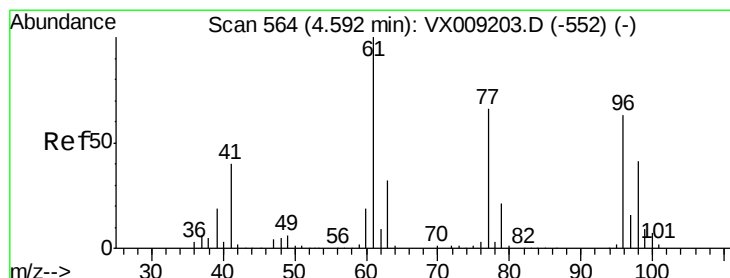
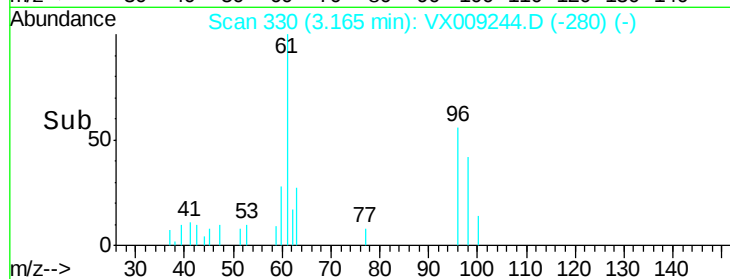
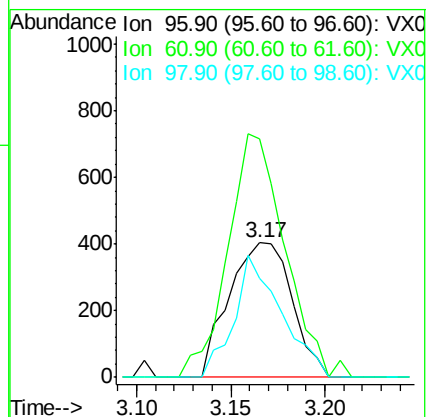
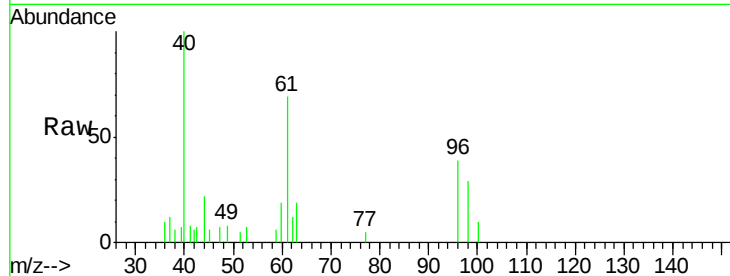
Tot Ion: 96 Resp: 931

Ion Ratio Lower Upper

96 100

61 164.5 124.5 186.7

98 73.9 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 7.118 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009244.D

Acq: 30 Apr 2019 14:30

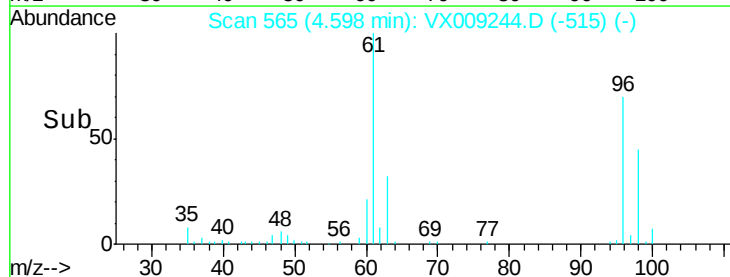
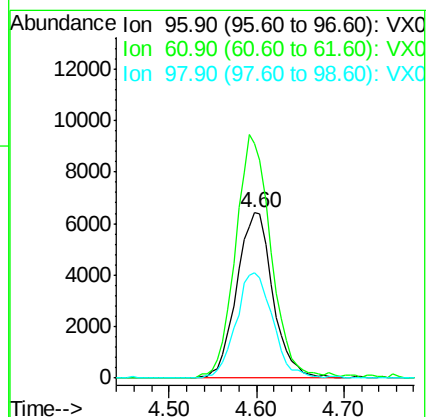
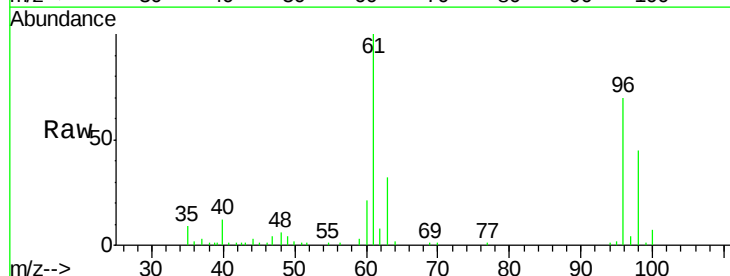
Tgt Ion: 96 Resp: 18366

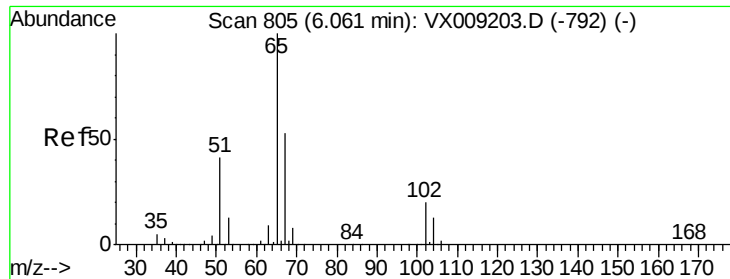
Ion Ratio Lower Upper

96 100

61 144.4 0.0 324.0

98 64.9 0.0 130.4

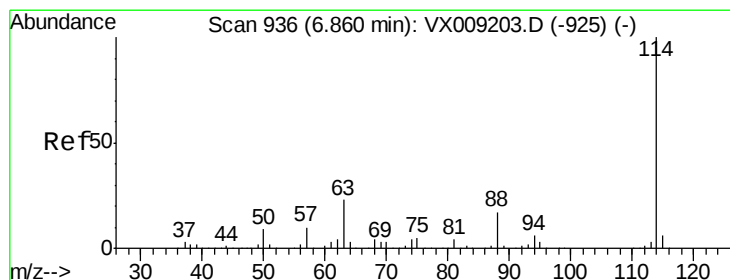
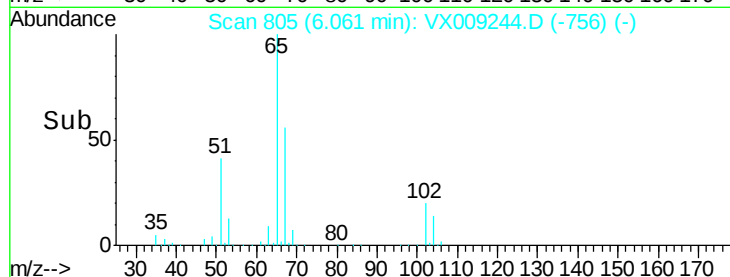
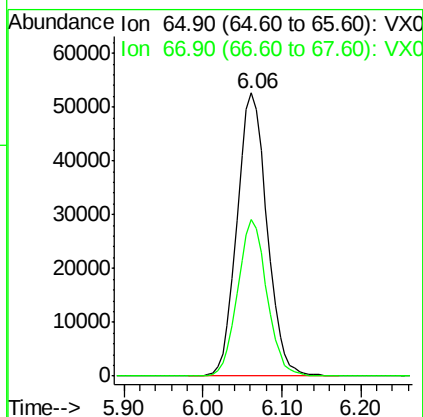
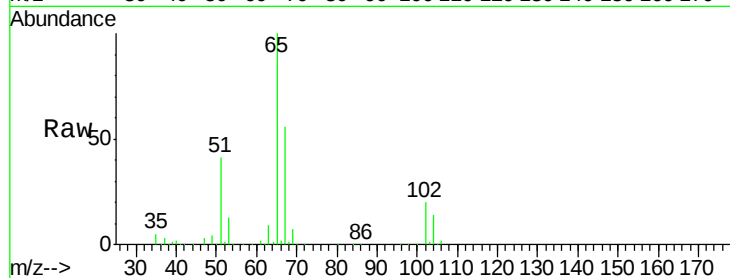




#33
 1,2-Dichloroethane-d4
 Concen: 48.137 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009244.D
 Acq: 30 Apr 2019 14:30

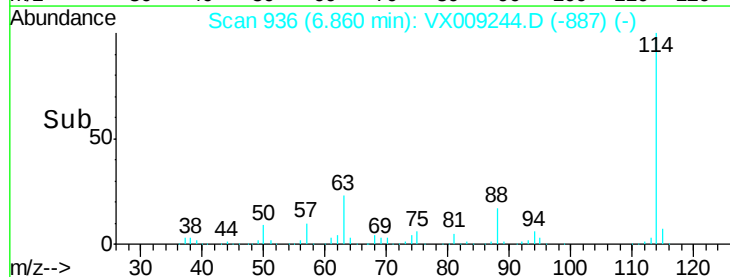
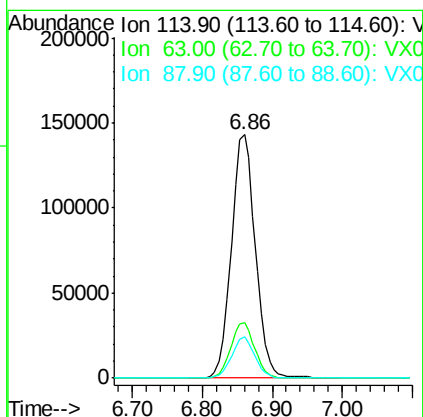
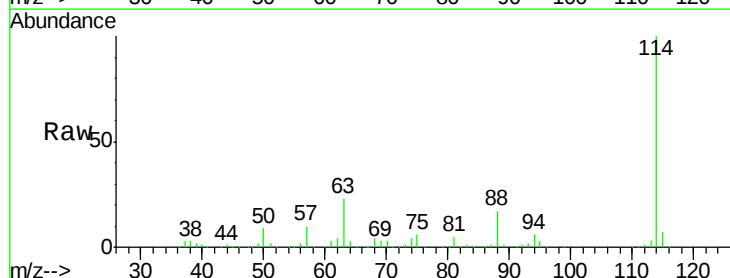
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0514-190423

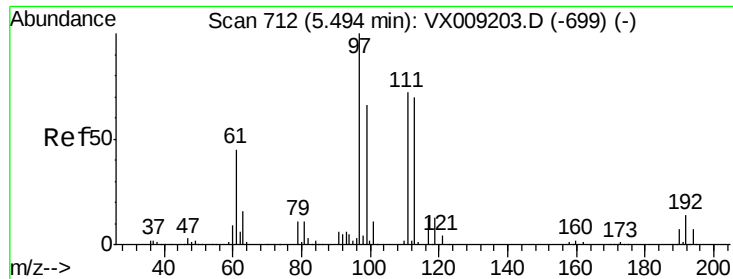
Tot Ion: 65 Resp: 139601
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009244.D
 Acq: 30 Apr 2019 14:30

Tgt Ion: 114 Resp: 341160
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.9 0.0 33.2

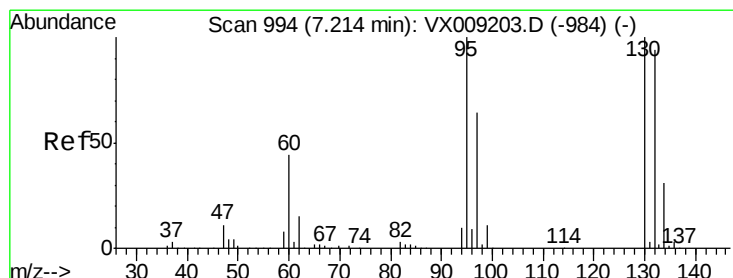
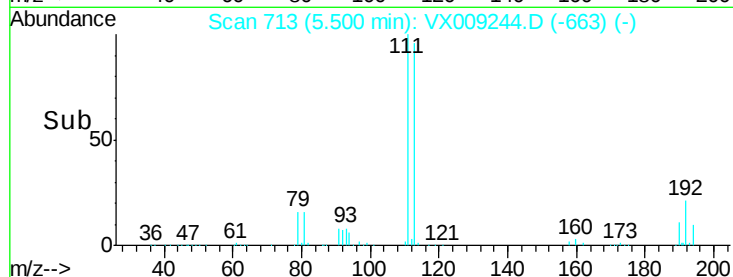
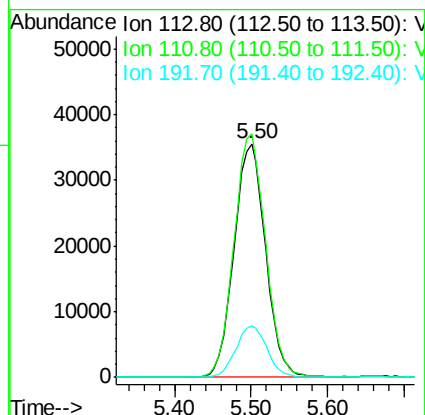
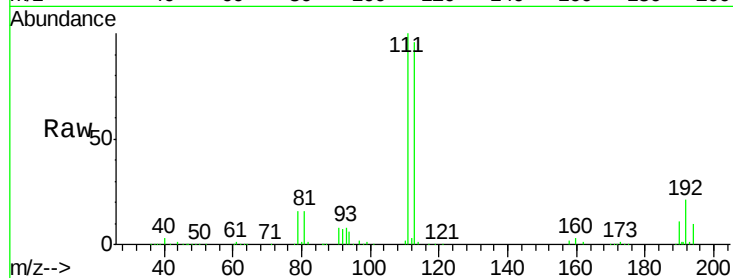




#35
 Dibromofluoromethane
 Concen: 47.449 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009244.D
 Acq: 30 Apr 2019 14:30

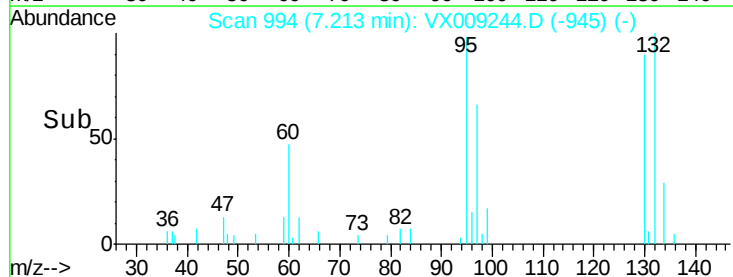
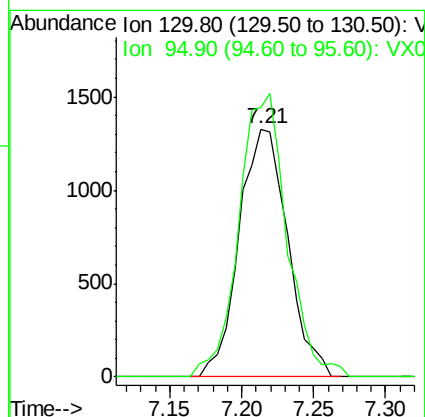
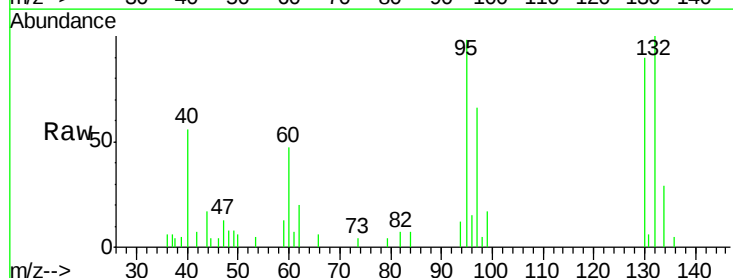
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0514-190423

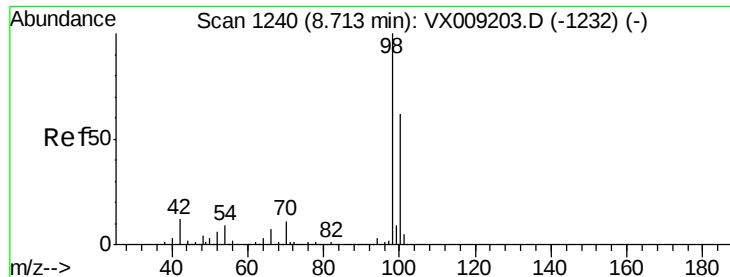
Tot Ion:113 Resp: 101763
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.8 124.2
 192 21.8 17.0 25.6



#44
 Trichloroethene
 Concen: 1.308 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009244.D
 Acq: 30 Apr 2019 14:30

Tgt Ion:130 Resp: 3103
 Ion Ratio Lower Upper
 130 100
 95 108.4 0.0 199.2





#50

Toluene-d8

Concen: 49.810 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009244.D

Acq: 30 Apr 2019 14:30

Instrument :

MSVOA_X

ClientSampleId :

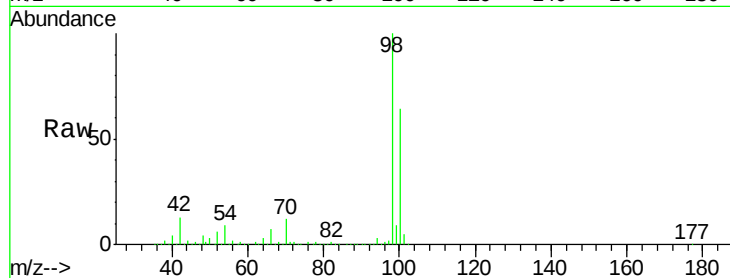
DUP-0514-190423

Tot Ion: 98 Resp: 431284

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

300000

250000

200000

150000

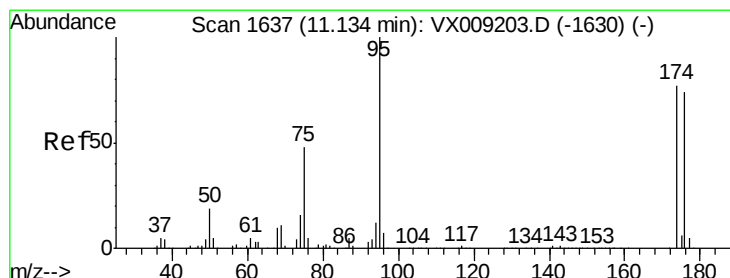
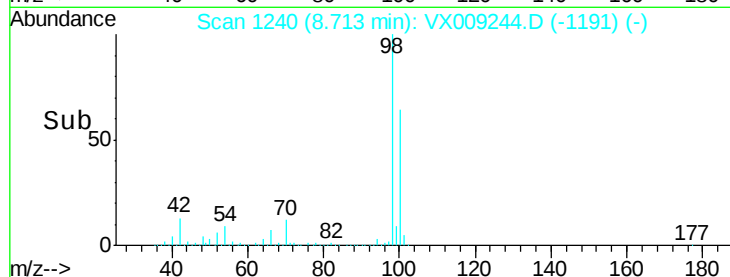
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 46.009 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009244.D

Acq: 30 Apr 2019 14:30

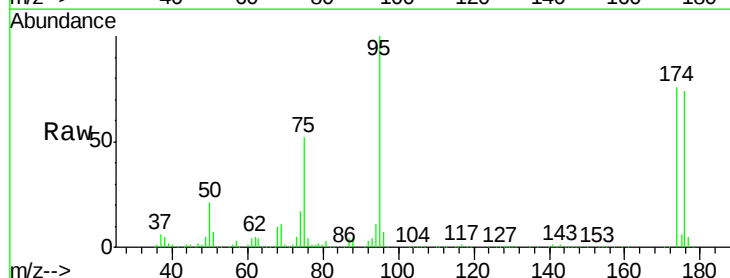
Tgt Ion: 95 Resp: 144753

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

176 78.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

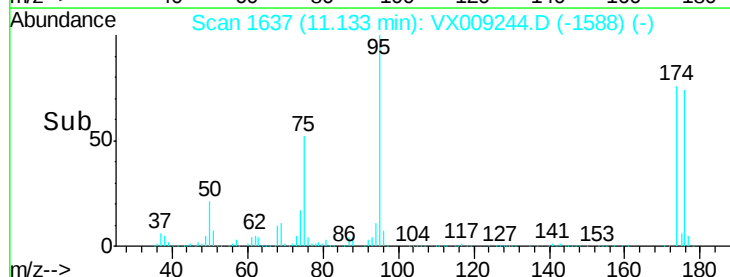
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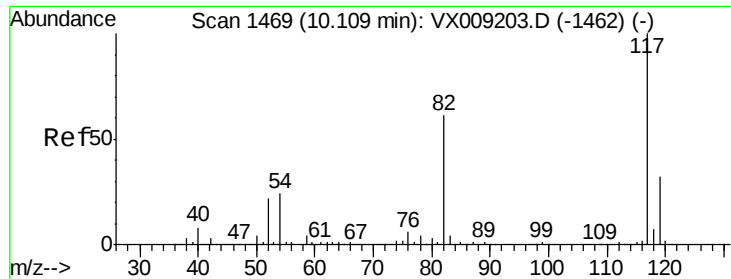
50000

0

Time-->

11.10 11.20

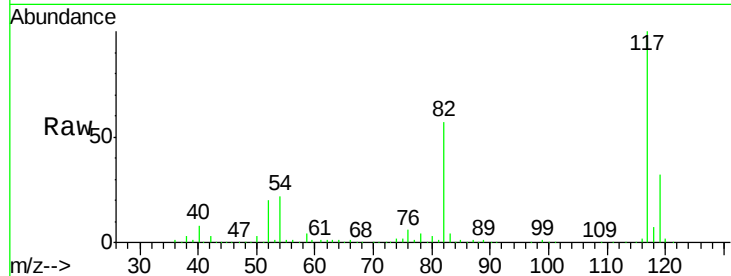




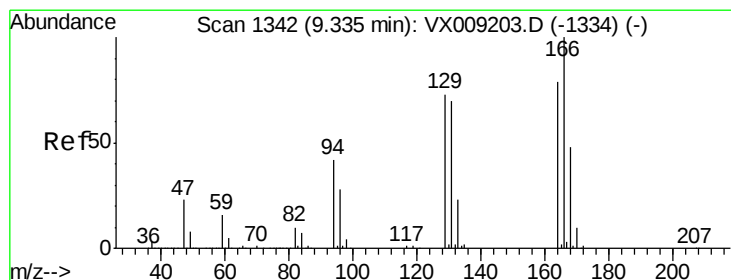
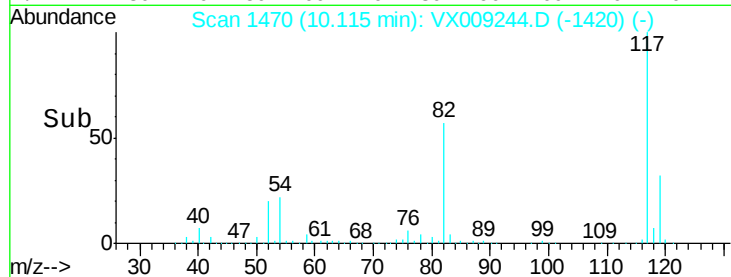
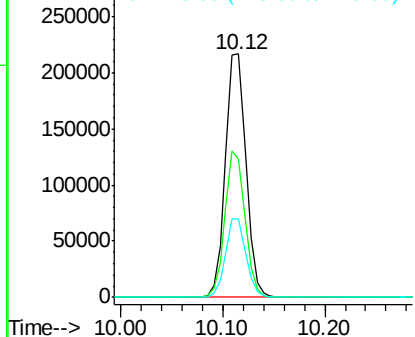
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0514-190423

Tot Ion:117 Resp: 304047
Ion Ratio Lower Upper
117 100
82 57.1 48.8 73.2
119 32.0 25.8 38.6

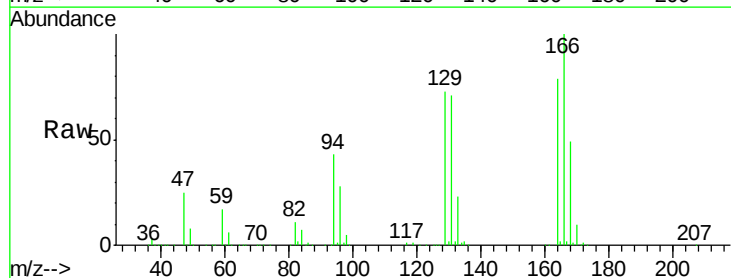


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

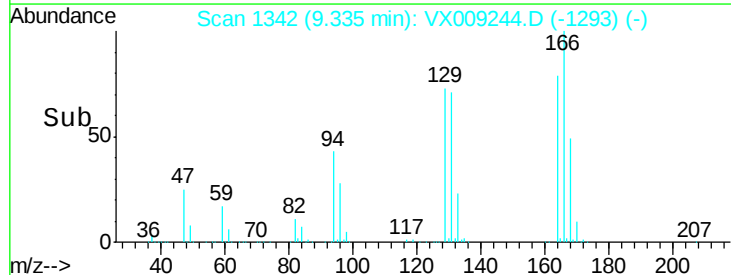
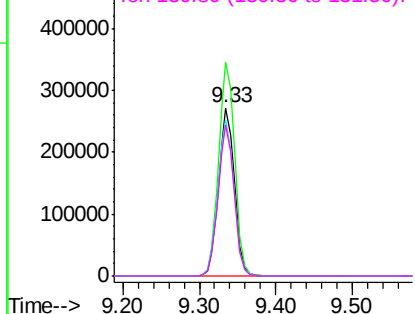


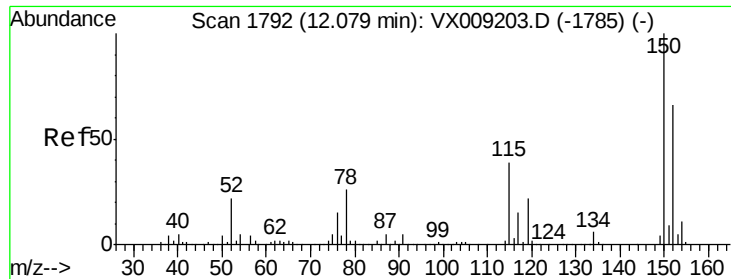
#64
Tetrachloroethene
Concen: 187.310 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009244.D
Acq: 30 Apr 2019 14:30

Tgt Ion:164 Resp: 390659
Ion Ratio Lower Upper
164 100
166 127.3 101.2 151.8
129 93.4 74.3 111.5
131 90.2 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009244.D
 Acq: 30 Apr 2019 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0514-190423

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	155.3	0.0	346.4

